

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02G3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 824 957 A (HOLSHAUSEN) 20 October 1998 (1998-10-20) column 6, line 39 - column 7, line 21; figures 15-18	1,2,6, 10,13,16
A	US 6 042 155 A (LOCKWOOD) 28 March 2000 (2000-03-28) column 3, line 55 - column 3, line 64; figures 1-3	1,2,6, 10,13-16
A	DE 90 17 373 U (LIC LANGMATZ GMBH) 18 April 1991 (1991-04-18) the whole document	1,2,6, 10,13-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

14 September 2004

Date of mailing of the international search report

22/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5010 Patentlaan 2
NL - 2200 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

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Bolder, G

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5824957	A	20-10-1998	AT 147196 T AU 673655 B2 AU 2506992 A WO 9305556 A1 BR 9206450 A CA 2116860 A1 DE 69216414 D1 DE 69216414 T2 DK 602136 T3 EP 0602136 A1 ES 2095488 T3 JP 8502874 T ZA 9206682 A	15-01-1997 21-11-1996 05-04-1993 18-03-1993 01-03-1995 18-03-1993 13-02-1997 30-04-1997 09-06-1997 22-06-1994 16-02-1997 26-03-1996 09-03-1993
US 6042155	A	28-03-2000	US 5449206 A	12-09-1995
DE 9017373	U	18-04-1991	DE 9017373 U1	18-04-1991